

NOTICE TO CONTRACTOR

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CALL BEFORE YOU DIG
NORTH DAKOTA
UTILITIES UNDERGROUND LOCATION SERVICE
1-800-799-0555

PAVEMENT

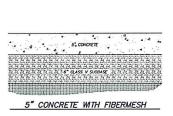
- PI) ON SITE EXTERIOR CONCRETE MATERIALS AND CONSTRUCTION MATERIALS SHALL CONFORM TO CITY OF BISMARCK SECONGATIONS EXCEPT AS MODIFIED HEREIN. AS CONTENT SHALL BE \$4.700 PM. STRENGTH AT 28 DAYS SHALL BE \$4.000 PM.
- P2) STANDARD VERTICAL FACE CURB AND GUTTER.
- P3 5" CONCRETE WITH FIBERMESH AND 6" CLASS V BASE, SEE DETAIL THIS PAGE.
- (P4) ISOLATION JOINTS WILL BE REQUIRED ALONG THE BUILDING, STOOPS AND ALL FIXED ITEMS. LEAVE JOINT YE' LOW AND SEAL ISOLATION JOINTS SHALL BE SEALED USING A ONE PART POLYMETHANE TYPE SEALANT.
- (P5) CONSTRUCTION JOINTS WILL BE PLACED TO COINCIDE WITH CONTRACTION JOINT SPACING, CONSTRUCTION JOINT FOR UNREINFORCED CONCRETE SHALL HAVE A MINIMUM IS!" DIAMETER HALF ROUND KEYWAY OR APPROVED EQUAL. CONSTRUCTION JOINTS FOR REINFORCED CONCRETE SHALL BE 1/2" X 12" DOWELS AT 12 O/C.
- (P6) JOINT SPACING SHALL TYPICALLY BE SPACED AT 1-1/2 TIMES THE THICKNESS OF THE PAYEMENT (MEASURED IN MOHES) IN FEET (4" SMK EQUALS 6 FOOT SPACING), IN NO CASE SHALL THE JOINT SPACING EXCEED THO TIMES THE THICKNESS.
- (P) SUBGRADE PREPARATION UNDER AREAS TO BE PAVED SHALL BE 6° THICK AND SHALL COUPLY WITH CITY OF BISMARCK SPECIFICATIONS EXCEPT DENSITY SHALL BE 95% OF ASTM D 698.

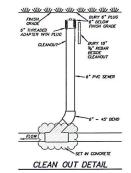
APPROVED BY PLANNING

Planter 8/24/17
TITLE DATE

APPROVED BY FORESTRY

LAND DSCAPING 8-24-17
TITLE DATE





PRELIMINARY-NOT FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION

EXISTING PLANT PALETTE

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	SYM.	COMMON NAME	ONTY.
SHRUBS	BR	BARBERRY	5
	BX	вохwооо	5
	J	JUNIPER	9
	P	POTENTILLA	19
	s	SPIREA	25

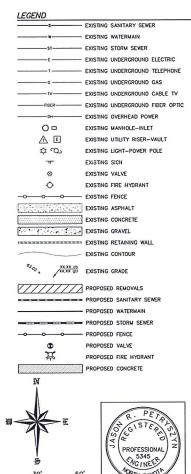
WATERMAIN

- MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH CITY OF BISMARCK SPECIFICATIONS. ALL BACKFILL SHALL BE 93% OF STANDARD PROCTOR AT RECOMMENDED MOISTURE CONTENT. MATERIANES SHALL BE CHI ORINIATED, PRESSURE TESTED AND FLUSHED. TESTING IS CONSIDERED MICIDENTIAL.
- W2 INSTALL 8"x6" TAPPING SLEEVE AND VALVE; APPROXIMATE INV. 22.9±.
- W3 INSTALL 330.7 LF 6" WATERMAIN AND 6"X2" TEE; INV. 23.9.
- W4 INSTALL 10.00 LF 6" WATERMAIN AND TEMP PLUG; INV. 24.0
- [WS] CONNECT TO 6"X2" TEE AND INSTALL 2" CURB STOP & BOX, 3 LF 2"
 WATER SERVICE, 90" BEND, AND TO LF 2" WATER SERVICE AND TEMP
 PLUG; INV 24.0. COORDINATE WITH MECHANICAL CONTRACTOR ON
 CONNECTION TO BUILDING.

SANITARY SEWER

- S) MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH CITY OF BISMARCK SPECIFICATIONS. ALL BACKFILL SHALL BE 953. OF STANDARD PROCIDE AT RECOMMENDED MOSTURE CONTENT. TESTING IS CONSIDERED INCIDENTIAL, ONE FOOT OF SEPARATION SHALL BE MAINTAINED BETHEEN WATER AND SEWER SERVICES.
- SZ CONNECT TO EXISTING 8" SANITARY SEWER MAIN USING A 8"X6" INSERTA—TEE: APPROXIMATE INVERT OF 8" MAIN 99.4±. VERIFY INVERT IN FIELD AND ADJUST PLANS ACCORDINGLY.
- (S3) INSTALL 100.00 LF 6" SANITARY SEWER AT 6.440% AND 6" CLEANOUT; INV. 05.92.
- (\$4)INSTALL 100.00 LF 6" SANITARY SEWER AT 6.440% AND 6" CLEANOUT; INV. 12.36.
- SS)INSTALL 83.20 LF 6" SANITARY SEWER AT 6.442% AND 6" 22.5' BEND; INV. 17.72.
- SDINSTALL 16.80 LF 6" SANITARY SEWER AT 6.429% AND 6" CLEANOUT; INV. 18.80.

 SDINSTALL 49.50 LF 6" SANITARY SEWER AT 6.465% AND 6" CLEANOUT; INV. 22.00. COORDINATE WITH MECHANICAL CONTRACTOR FOR CONNECTION WITO BUILDING



SWENSON HAGEN & CO

SCALE - 1" = 30'

NAVD 88 DATUM

AUGUST 17, 2017



SHEET

C2.0